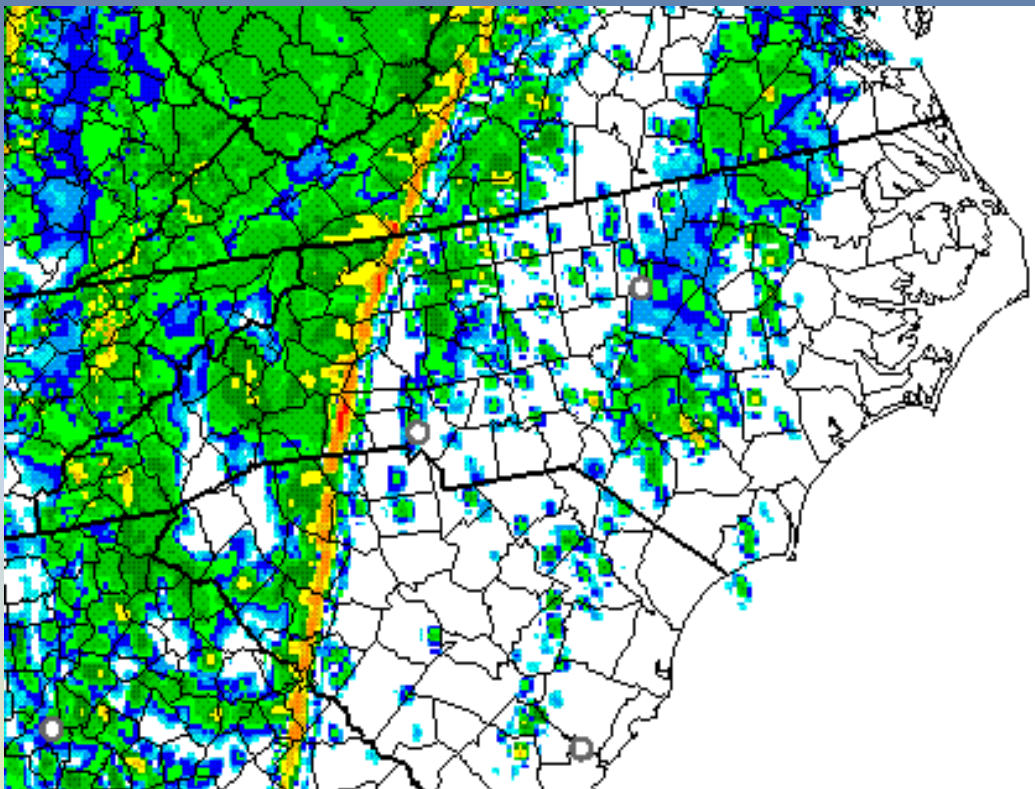




Strong and Potentially Damaging Wind Gusts Expected Across Central NC Into Tonight



What the radar may look like late this afternoon

A wind advisory is in effect from noon today until 4 AM tonight.

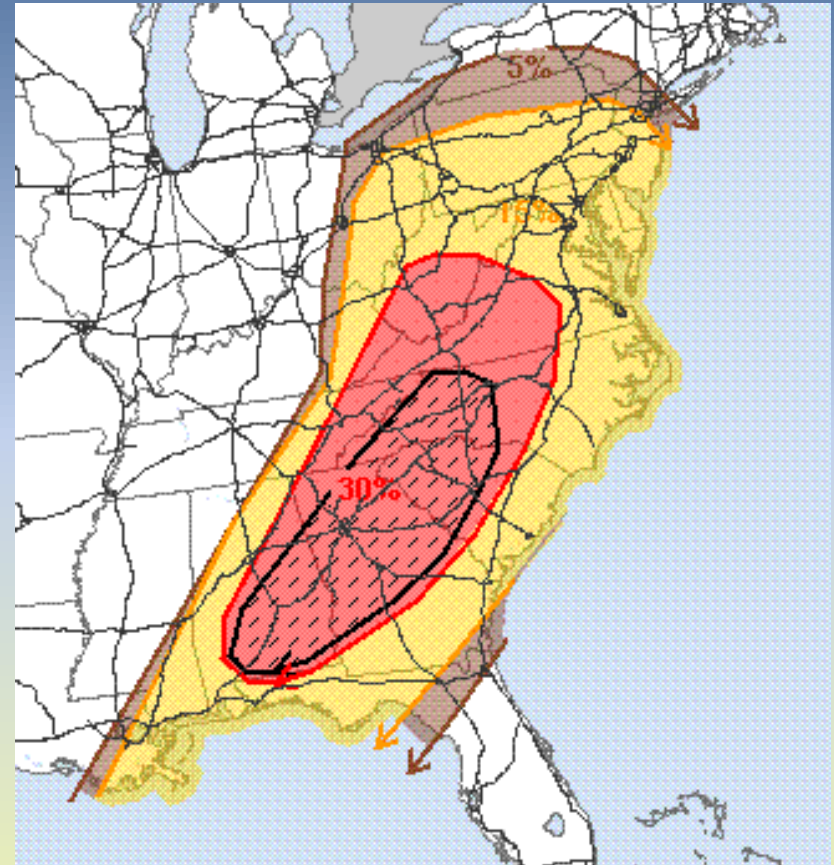
Showers are expected ahead of a powerful cold front. Strong winds could accompany the showers. Even outside of the showers, frequent wind gusts of 40-45 mph are expected through tonight. Stronger wind gusts will occur with the passage of the front and an accompanying narrow line of very heavy showers, with isolated thunder.

National Weather Service, Raleigh, NC

Briefing issue date and time: 10:15 AM, Wednesday, January 30, 2013

SPC Convective Outlook

- The greatest risk of damaging wind gusts is along and west of Highway 1, but risk extends all across the Piedmont into the Coastal Plain.
- The risk could begin as early as this afternoon, though the greatest risk appears to be late this afternoon through the evening hours.
- An isolated tornado cannot be ruled out.
- Remember that winds will be strong and gusty, even away from the main line of heavy showers.
- Winds will continue to be very gusty for a while behind the main line of heavy showers, with diminishing gustiness an hour or two after the line moves through.

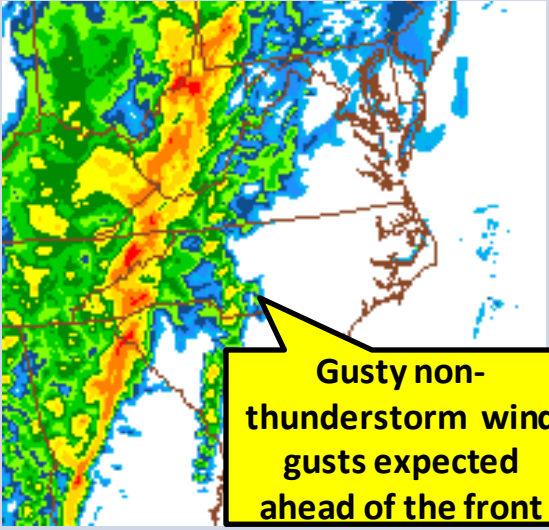
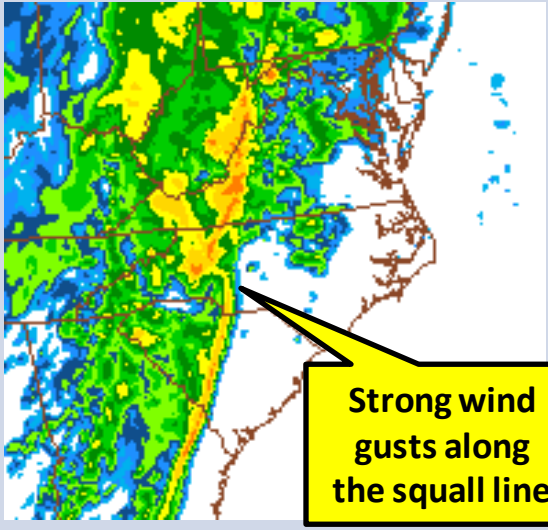
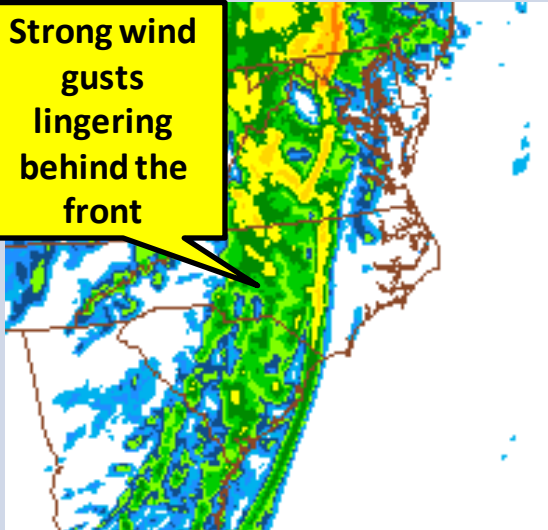


SPC Day 1 Outlook, 7:42 AM

Hatched Area: 10% or greater probability of wind gusts 65 knots (75 mph) or greater within 25 miles of a point.

Timing and Impacts

The following images depict simulated radar reflectivity, or what the radar MAY look like. These images are intended to give a rough estimate of precip timing, NOT precip intensity.

Afternoon – 3 PM to 6 PM	Evening – 7 PM to 11 PM	Overnight – 11 PM to 3 AM
 <p>Gusty non-thunderstorm wind gusts expected ahead of the front</p>	 <p>Strong wind gusts along the squall line</p>	 <p>Strong wind gusts lingering behind the front</p>
<p>The main squall line will be crossing the mountains and foothills headed toward the Triad and the Yadkin River. Across central NC, a few showers and gusty non-thunderstorm winds up to 45 mph are expected as we wait for the main band to arrive from the west, with very isolated power outages possible.</p>	<p>The squall line will sweep east through the Triad and toward the Triangle and Fayetteville areas. Strong, potentially damaging, straight-line wind gusts will be possible. Scattered tree damage and power outages are possible.</p>	<p>The squall line sweeps across the Coastal Plain and I-95 corridor, toward the Carolina coast. Strong and potentially damaging straight-line wind gusts will still be possible. The potential for strong winds gusts will linger for a couple of hours after the passage of the squall line and cold front.</p>

Summary

Central NC impacts:

- A wind advisory is in effect. Outside of heavy shower activity, sustained southerly winds between 20 and 25 mph will gust frequently between 40 and 45 mph at times. Isolated power outages are possible.
- The cold front and main line of heavy showers is expected late this afternoon and tonight. Locally damaging wind gusts and scattered power outages may accompany the line as it moves through. An isolated tornado can't be ruled out.
- The damaging wind gusts may not necessarily occur with lightning or thunder.
- Very gusty winds will continue for a couple of hours behind the main line, then diminishing to around 30 mph. Expect wind gusts around 30 mph into the day Thursday.
- Residents of central North Carolina should take the time now review severe weather safety information (available at <http://readync.org>), stay informed of the latest weather updates, and have a way to receive severe weather alerts and warnings.

For additional specific details, including Watches, Warnings, Advisories for your location...

Visit us at <http://weather.gov> and enter your zip code or click on your location. Or, use the links below to visit the NWS office that serves your part of North Carolina.

- Northeast NC: <http://weather.gov/akq>
- Eastern NC: <http://weather.gov/mhx>
- Southeast NC: <http://weather.gov/ilm>
- Central NC: <http://weather.gov/rah>
- Northwest NC (& mountains): <http://weather.gov/rnk>
- Southwest NC (& mountains): <http://weather.gov/gsp>
- Cherokee and Clay Counties: <http://weather.gov/mrx>

Storm Reports and Additional Info

Please pass along to the NWS Raleigh:

- Wind impacts, such as any damage (downed trees or power lines, and/or any structural damage)
- Tornado or funnel cloud sightings, and associated damage
- Measured winds gusts 50 mph or greater
- Flooding

You can contact the NWS Raleigh via:

- Email: rah.reports@noaa.gov
- Facebook:
<http://www.facebook.com/US.NationalWeatherService.Raleigh.gov>
- Twitter: @NWSRaleigh
- Phone
- NWS Chat for media and NWS core partners (Emergency Managers, DOT, and school officials).